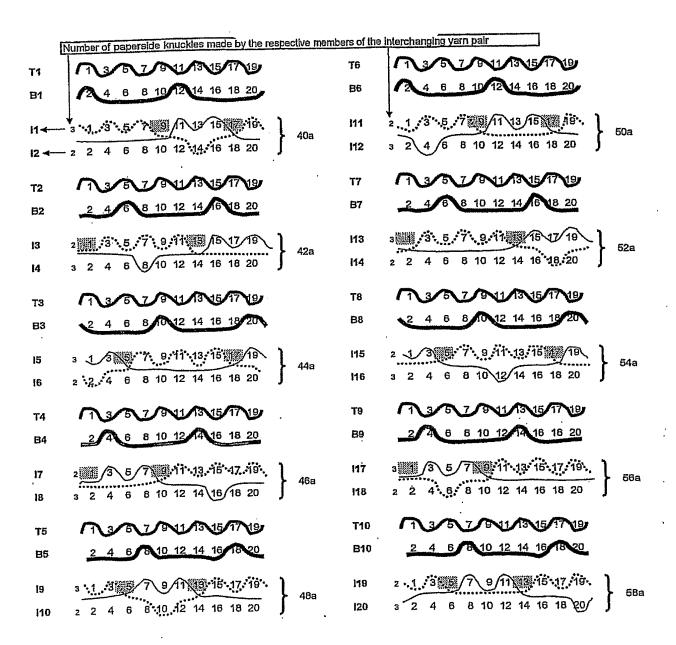


FIG. 1



FIG, 2

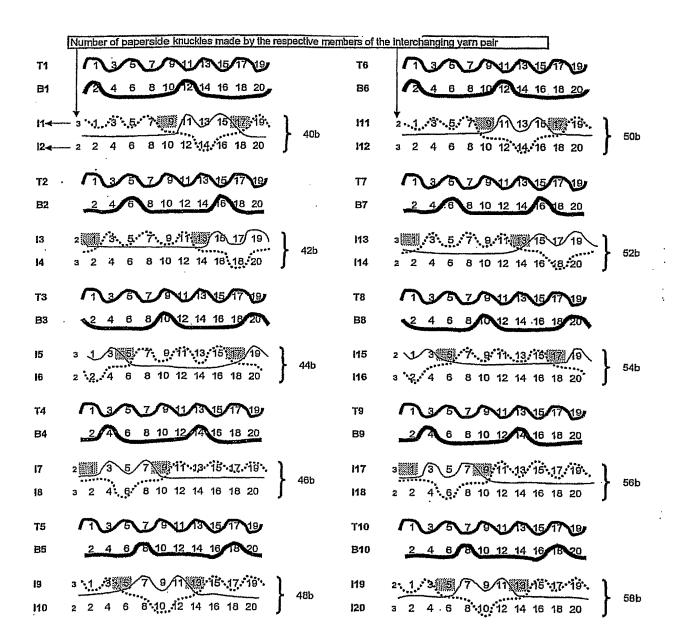


FIG. 3

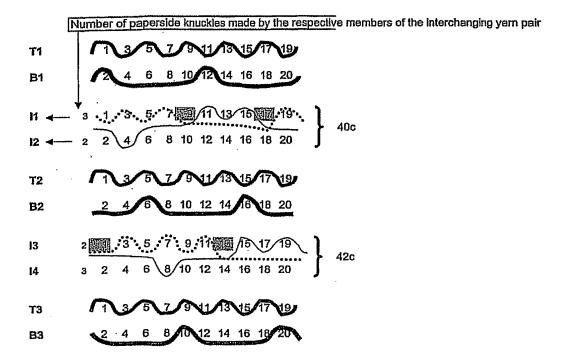


FIG. 4

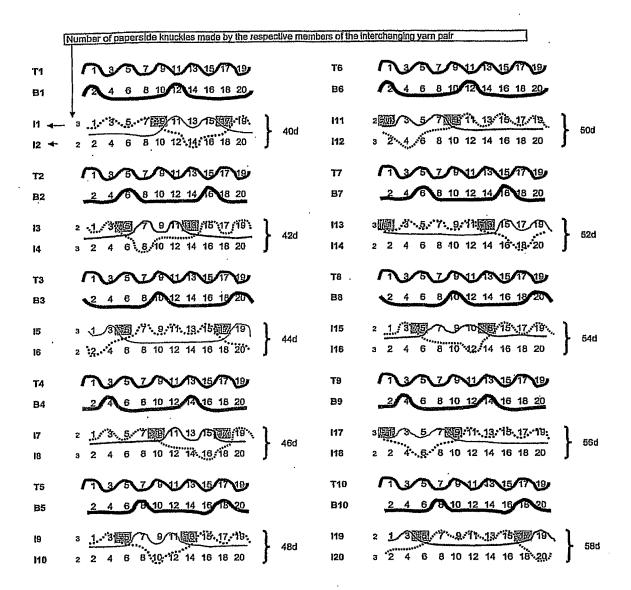


FIG. 5

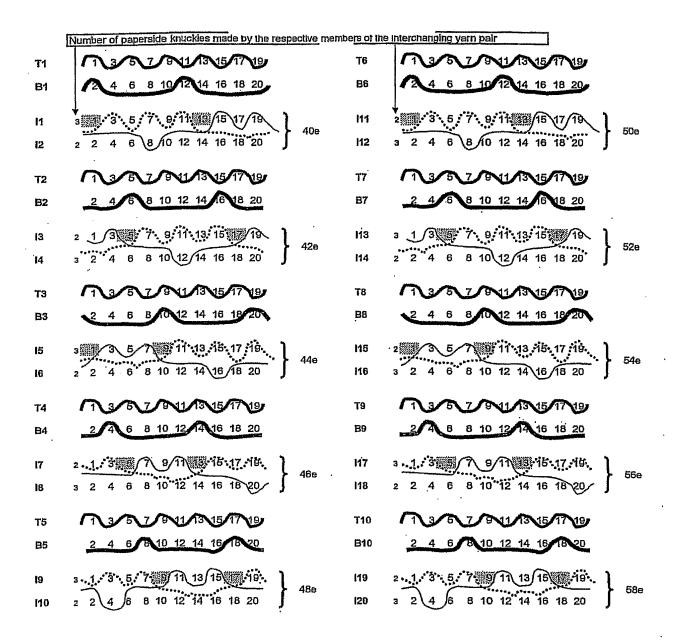


FIG. 6

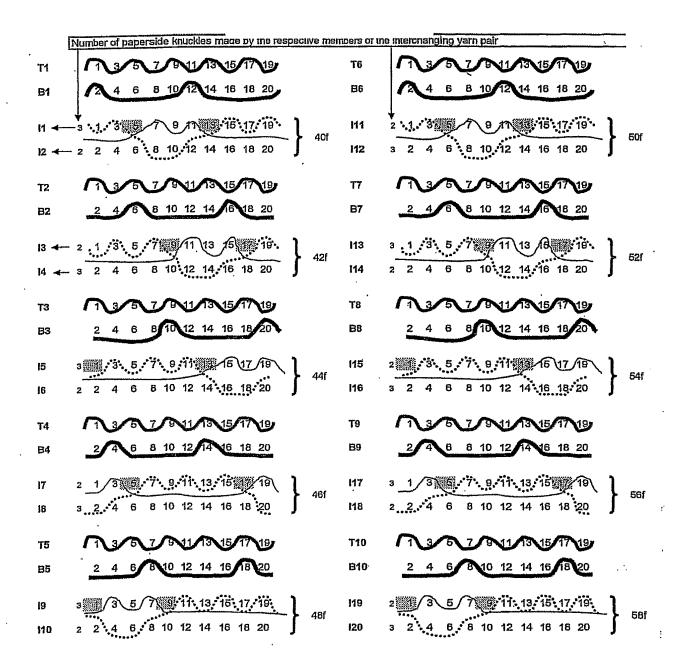


FIG. 7

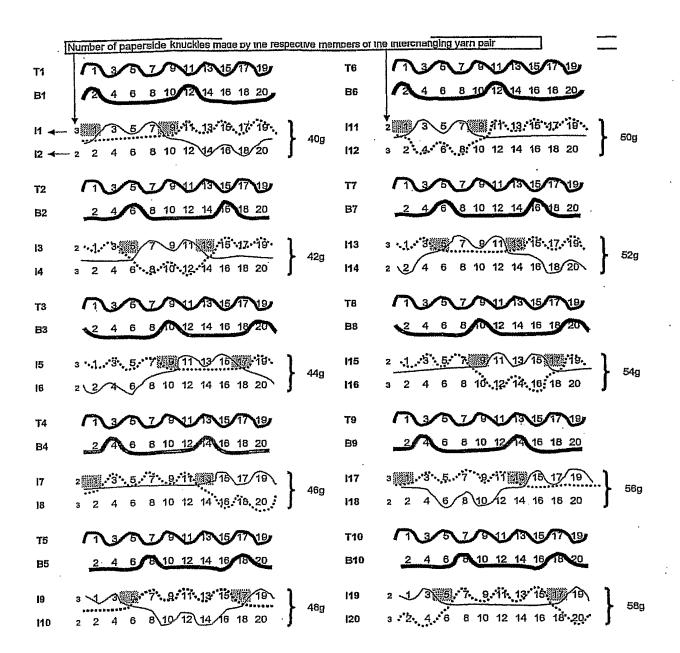


FIG. 8

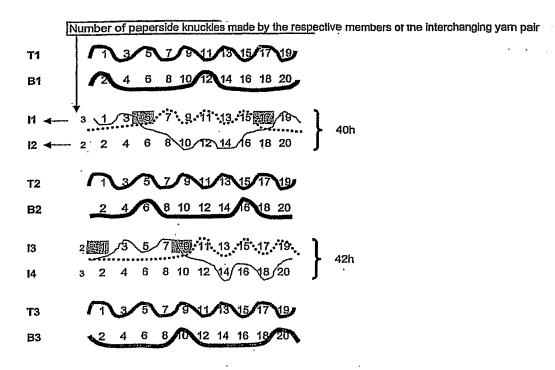


FIG. 9

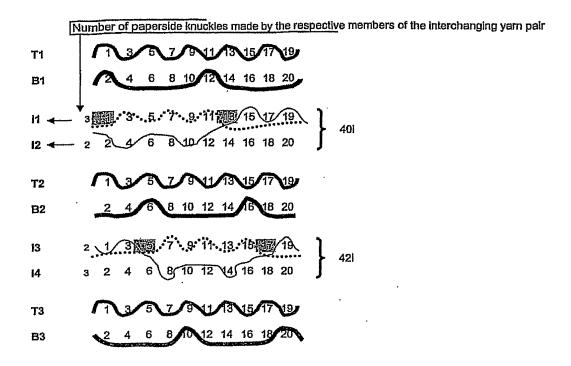


FIG. 10

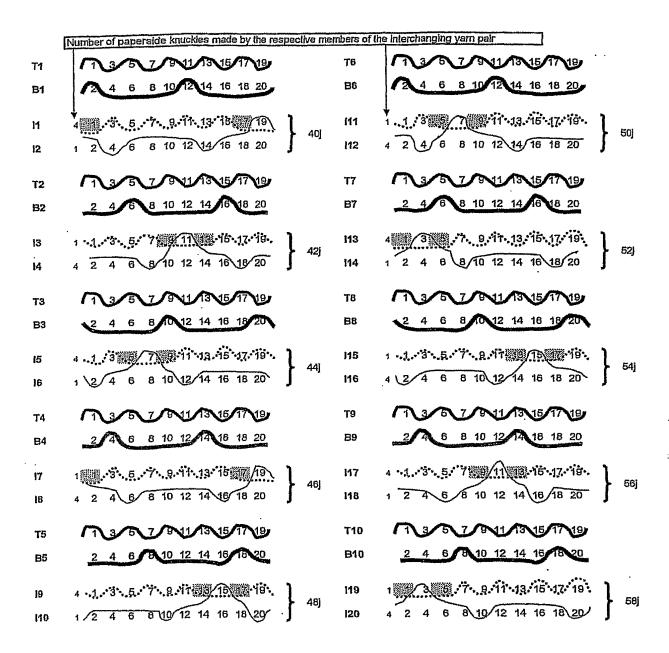


FIG: 11

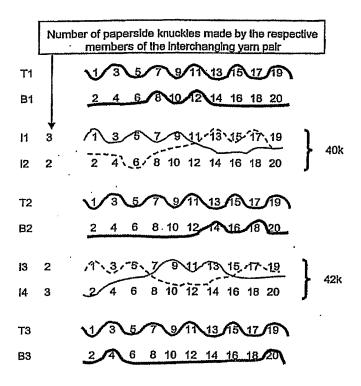


FIG. 12

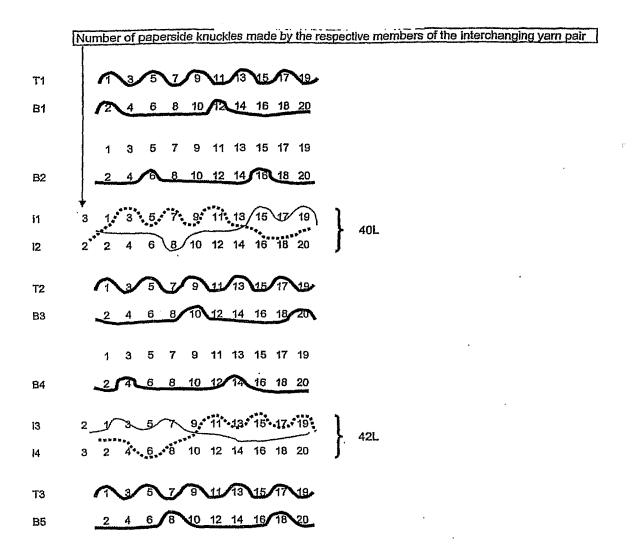


FIG. 13

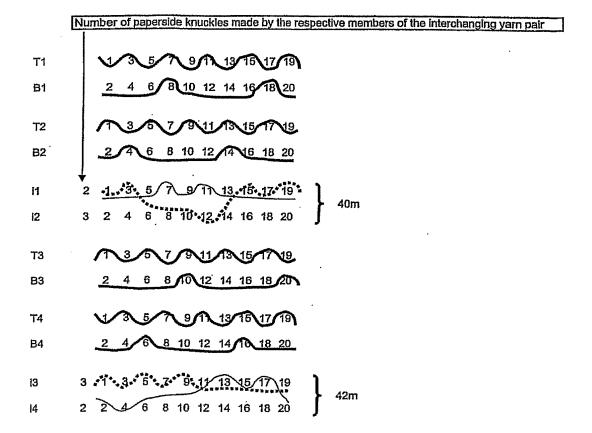


FIG. 14

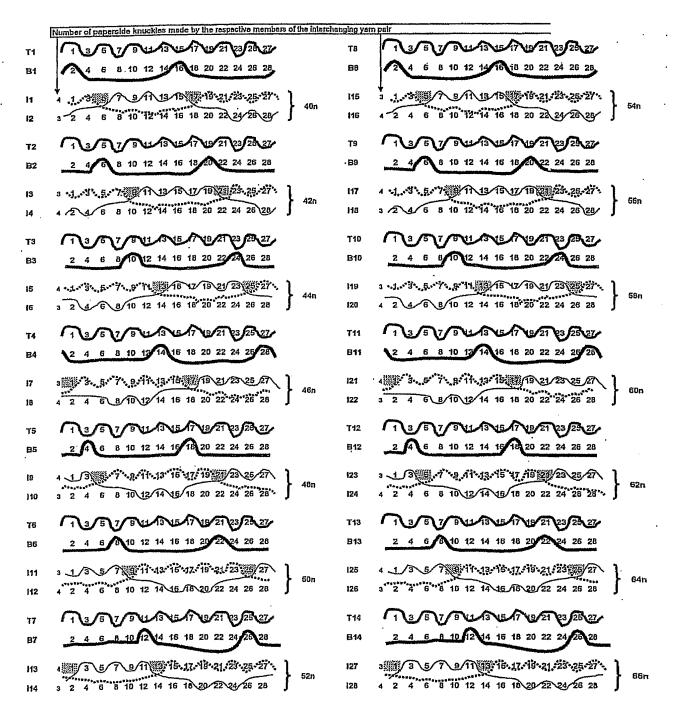


FIG. 15

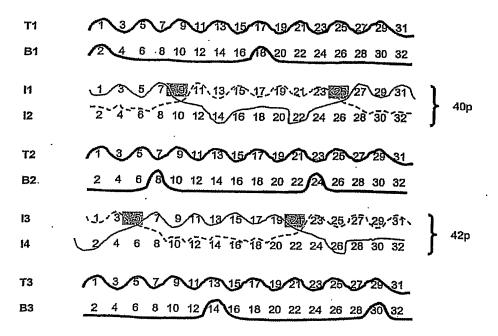


FIG. 16

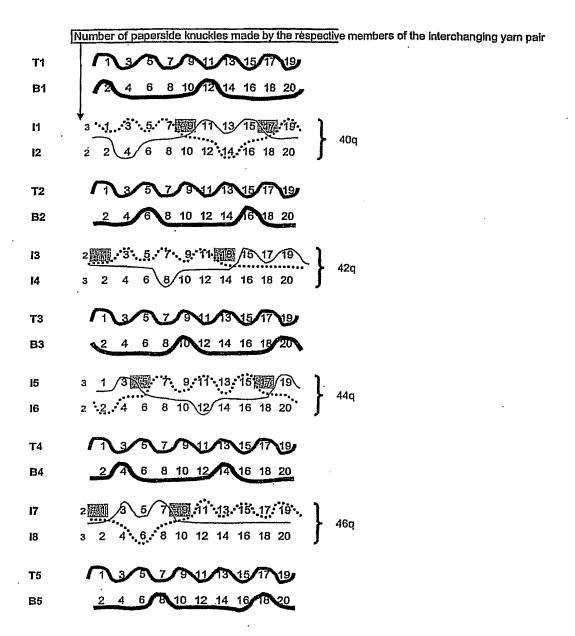


FIG. 17

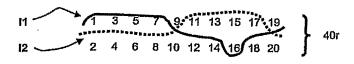


FIG. 18

11 1 3 5 7 9 11 13 15 17 19 21 23 12 2 4 6 8 10 12 14 16 18 20 22 24 40s 11 3 5 7 9 11 13 15 17 19 1

FIG. 20

Fig.	Weave	CD Ratio	PS Knuckles	PS Knuckles	Reversing	Insertion order	Length of	Length of	Binder
No.		(PS:WS)	made by an	made by an	segment	for binder	Interchanging	Interchanging	makes
			Interchanging	Interchanging	lengths for	members of		binder stiff	multiple WS
	`MD		Top CD	Binder CD	interchanging	l'changing	section	section	interlacings
1	yarns)		•		CD pairs	pairs	(warp pairs)	(warp pairs)	
2	20	2:1	2 or 3	3 or 2	yes	always 1st	7 or 5	none	, no
3	20	2:1	2	3	yes	1st or 2nd	7	попе	по
4	20	2:1	3	2	yes	2nd or 1st	5	попе	no
5	20	2:1	2	3 .	yes	1st or 2nd	7	none	no
6	20	2:1	3	2	yes	2nd or 1st	. 5	none	no
7	20	2:1	2	3	yes	1st or 2nd	7	none	yes
8	20	2:1	3 or 2	2 or 3	yes	always 2nd	5 or 7	none	yes
9	20 .	2:1	3 .	22	yes	2nd or 1st	5	none	yes
10	20	2:1	3	2	yes	2nd or 1st	5	2	yes
11	20	2:1	4 .	1	yes	2nd or 1st	3	4	yes
12	20	2:1	3	2	yes	2nd or 1st	5	none	no
13	20	1:1	3 or 2	2 or 3	yes	always 2nd	5 or 7	none	no
14	20	3:2	2 or 3	3 or 2	yes	always 2nd	7 or 5	none	no
15	28	2:1	4	3	yes	2nd or 1st	7	none	yes
16	32	2:1	4	4	no .	1st,2nd or alt	9	3 .	yes
17	20	2;1	0, 2 or 3	3 or 2	yes	1st or 2nd	0 or 5 or 7	none	no ,
18	20	*	1	1	no	1st,2nd or alt	6	none '	no
19	24	*	2	2	no	1st,2nd or alt	7	none	no
20	20	*	2	2	no	1st,2nd or alt	5	none	no

^{*} can be either 1:1, 2:1, 3:2 etc